

PATENT ABSTRACTS OF JAPAN

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(54) DEVICE AND METHOD FOR PROCESSING IMAGE AND DEVICE AND METHOD FOR ESTIMATING NOISE QUANTITY

(57)Abstract:

PROBLEM TO BE SOLVED: To effectively remove noise from a moving image with movement.

SOLUTION: An input reliability calculating part 12 calculates input reliability representing the reliability of an input pixel, and also a moving amount calculating part 16 detects the moving amount of the input pixel.

Furthermore, an output reliability calculating part 13 calculates output reliability, which represents the reliability of an output pixel corrected on the basis of the moving amount of the input pixel. Then, the input pixel is processed on the basis of the input reliability and the corrected output reliability, and consequently an output pixel obtained by removed of noise is calculated from the input pixel.

